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PATENT  
Customer No. 22,852  
Attorney Docket No. 09481.0027-00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

re Application of:

RICHTER et al.

Application No.: 09/074,472

Filed: May 7, 1998

For: ASSAYS EMPLOYING  
ELECTROCHEMILUMINESCENT  
LABELS AND  
ELECTROCHEMILUMINESCENT  
QUENCHERS

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) Group Art Unit: 1634

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) Examiner: Arun K. Chakrabarti  
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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**REVOCATION OF POWER OF ATTORNEY  
AND GRANT OF NEW POWER OF ATTORNEY**

The undersigned, a representative authorized to sign on behalf of the assignee owning all of the interest in this patent, hereby revokes all previous powers of attorney or authorization of agent granted in this application before the date of execution hereof. The undersigned verifies that BioVeris Corporation is the assignee of the entire right, title, and interest in the patent application identified above by virtue of an assignment from the assignee filed concurrently herewith (copy attached). The undersigned certifies that the evidentiary documents have been reviewed and to the best of the undersigned's knowledge and belief, title is in the assignee BioVeris Corporation.

The undersigned hereby grants its power of attorney to **FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P., Customer Number 22,852**, Douglas B. Henderson, Reg. No. 20,291; Ford F. Farabow, Jr., Reg. No. 20,630; Arthur S. Garrett, Reg. No. 20,338; Donald R. Dunner, Reg. No. 19,073; Brian G. Brunsvold, Reg. No. 22,593; Tipton D. Jennings, IV, Reg. No. 20,645; Jerry D. Voight, Reg. No. 23,020; Laurence R. Hefter, Reg. No. 20,827; Kenneth E. Payne, Reg. No. 23,098; Herbert H. Mintz, Reg. No. 26,691; C. Larry O'Rourke, Reg. No. 26,014; Albert J. Santorelli, Reg. No. 22,610; Michael C. Elmer, Reg. No.

25,857; Richard H. Smith, Reg. No. 20,609; Stephen L. Peterson, Reg. No. 26,325; John M. Romary, Reg. No. 26,331; Bruce C. Zotter, Reg. No. 27,680; Dennis P. O'Reilley, Reg. No. 27,932; Allen M. Sokal, Reg. No. 26,695; Robert D. Bajefsky, Reg. No. 25,387; Richard L. Stroup, Reg. No. 28,478; David W. Hill, Reg. No. 28,220; Thomas L. Irving, Reg. No. 28,619; Charles E. Lipsey, Reg. No. 28,165; Thomas W. Winland, Reg. No. 27,605; Basil J. Lewis, Reg. No. 28,818; Martin I. Fuchs, Reg. No. 28,508; E. Robert Yoches, Reg. No. 30,120; Barry W. Graham, Reg. No. 29,924; Susan Haberman Griffen, Reg. No. 30,907; Richard B. Racine, Reg. No. 30,415; Thomas H. Jenkins, Reg. No. 30,857; Robert E. Converse, Jr., Reg. No. 27,432; Clair X. Mullen, Jr., Reg. No. 20,348; Christopher P. Foley, Reg. No. 31,354; Roger D. Taylor, Reg. No. 28,992; John C. Paul, Reg. No. 30,413; David M. Kelly, Reg. No. 30,953; Kenneth J. Meyers, Reg. No. 25,146; Carol P. Einaudi, Reg. No. 32,220; Steven M. Anzalone, Reg. No. 32,095; Jean B. Fordis, Reg. No. 32,984; Barbara C. McCurdy, Reg. No. 32,120; James K. Hammond, Reg. No. 31,964; Richard V. Burgujian, Reg. No. 31,744; J. Michael Jakes, Reg. No. 32,824; Thomas W. Banks, Reg. No. 32,719; Christopher P. Isaac, Reg. No. 32,616; Bryan C. Diner, Reg. No. 32,409; M. Paul Barker, Reg. No. 32,013; Andrew Chanhon Sonu, Reg. No. 33,457; David S. Forman, Reg. No. 33,694; Vincent P. Kovalick, Reg. No. 32,867; James W. Edmondson, Reg. No. 33,871; Michael R. McGurk, Reg. No. 32,045; Joann M. Neth, Reg. No. 36,363; Gerson S. Panitch, Reg. No. 33,751; Cheri M. Taylor, Reg. No. 33,216; Charles E. Van Horn, Reg. No. 40,266; Linda A. Wadler, Reg. No. 33,218; Jeffrey A. Berkowitz, Reg. No. 36,743; Michael R. Kelly, Reg. No. 33, 921; James B. Monroe, Reg. No. 33,971; Doris Johnson Hines, Reg. No. 34,629; Lori Ann Johnson, Reg. No. 34,498; R. Bruce Bower, Reg. No. 37,099; John Rissman, Reg. No. 33,764; Therese A. Hendricks, Reg. No. 30,389; Leslie I. Bookoff, Reg. No. 38,084; Michele C. Bosch, Reg. No. 40,524; Michael J. Flibbert, Reg. No. 33,234; Scott A. Herbst, Reg. No. 35,189; Leslie A. McDonell, Reg. No. 34,872; Thalia V. Warnement, Reg. No. 39,064; Ronald A. Bleeker, Reg. No. 27,773; Kathleen A. Daley, Reg. No. 36,116; C. Gregory Gramenopoulos, Reg. No. 36,532; Anthony M. Gutowski, Reg. No. 38,742; Yitai Hu, Reg. No. 40,653; Lionel M. Lavenue; Reg. No. 46,859; Christine E. Lehman, Reg. No. 38,535; Patrick J. Coyne, Reg. No. 31,821; F. Leslie Bessinger, III, Reg. No. 39,108; Houtan K. Esfahani, Reg. No. 41,893; Esther H. Lim, Reg. No. 41,994; Michael A. Morin, Reg. No. 40,734; Erik R. Puknys, Reg. No. 40,132; and William L. Strauss, Reg. No. 47,114; both jointly and separately as their attorneys with full power of substitution and revocation to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and to receive the Letters Patent.


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Washington, D.C. 20005-3315

Dated: \_\_\_\_\_

4/20/04

By: \_\_\_\_\_



Richard J. Massey  
President, COO  
BioVeris Corporation

**REDACTED****EXHIBIT A - ASSIGNED PATENTS**

MATTER No.	CO	SERIAL No.	PATENT No.	TITLE

MATTER No.	CO	SERIAL No.	PATENT No.	TITLE
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P13190US0	US	08/326,535	5,720,922	Instrument incorporating electrochemiluminescent technology
P13107US0	US	08/462,605	5,700,427	Apparatus and Methods for Carrying Out Electrochemiluminescence Test Measurements
P13105US0	US	08/461,257	5,632,956	Apparatus and Methods for Carrying Out Electrochemiluminescence Test Measurements
P13104US0	US	08/461,647	5,624,637	Apparatus and Methods for Carrying Out Electrochemiluminescence Test Measurements
P13106US0	US	08/462,822	5,543,112	Apparatus and Methods for Carrying Out Electrochemiluminescence Test Measurements
P13100US0	US	08/061,676	5,466,416	Apparatus and Methods for Carrying Out Electrochemiluminescence Test Measurements

MATTER No.	CO	SERIAL No.	PATENT No.	TITLE
	US	187,095		Apparatus for Conducting a Plurality of Simultaneous Measurements of Electrochemiluminescent Phenomena
P12300US0	US	07/647,687	5,093,268	Apparatus for Conducting a Plurality of Simultaneous Measurements of Electrochemiluminescent Phenomena

MATTER No.	CO.	SERIAL No.	PATENT No.	TITLE
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P12990US0	US	07/267,234	5,061,445	Apparatus for Conducting Measurements of Electrochemiluminescent Phenomena
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DATE	MATTER No.	COE	SERIAL No.	PATENT No.	FILED	TIME
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P17710US0	US	09/074,472			Assays Employing Electrochemiluminescent Labels and Electrochemiluminescence Quenchers
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MATTER No.	CO	SERIAL No.	PATENT No.	TITLE
P09060US0	US	09/023,483	6,635,418	Assay Methods for Nucleic Acid in a Sample

MATTER No.	CO	SERIAL No.	PATENT No.	TITLE
P09101US0	US	09/976,437		Assays for Measuring Nucleic Acid Binding Proteins and Enzyme Activities
P09100US0	US	09/157,808	6,312,896	Assays for Measuring Nucleic Acid Binding Proteins and Enzyme Activities

MATTER No.	CO	SERIAL No.	PATENT No.	TITLE
P09080US0	US	09/157,809	6,214,552	Assays For Measuring Nucleic Acid Damaging Activities
P09082US0	US	09/799,551	6,673,542	Assays For Measuring Nucleic Acid Damaging Activities

MATTER No.	CO	SERIAL No.	PATENT No.	TITLE
P42220US0	US	08/402,829	5,457,564	Complementary Surface Confined Polymer Electrochromic Materials, Systems, and Methods of Fabrication Therefor
P42230US1	US	08/480,078	5,818,636	Complementary Surface Confined Polymer Electrochromic Materials, Systems, and Methods of Fabrication Therefor

MATTER No.	CO	SERIAL No.	PATENT No.	TITLE
P17921US0	US	09/742,033		Coreactant-Including Electrochemiluminescent Compounds, Methods, Systems and Kits Utilizing Same
P17920US1	US	08/936,971		Coreactant-Including Electrochemiluminescent Compounds, Methods, Systems and Kits Utilizing Same

MATTER No.	CO	SERIAL No.	PATENT No.	TITLE
P09020US1	US	08/474,927	6,048,687	Cycling DNA/RNA Amplification Electrochemiluminescent Probe Assay
P09020US2	US	09/480,544		Cycling DNA/RNA Amplification Electrochemiluminescent Probe Assay

MATTER No.	CO	SERIAL No.	PATENT No.	TITLE
P84000US0	US	60/447,610		Deazaflavin Compounds and Methods of Use Thereof

MATTER No.	CO	SERIAL No.	PATENT No.	TITLE
P16060US0	US	08/820,017	6,146,838	Detection of Water-Borne Parasites Using Electrochemiluminescence

MATTER No.	CO	SERIAL No.	PATENT No.	TITLE

P17584US0	US	09/896,974		ECL Labels Having Improved NSB Properties
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MATTER No.	CO	SERIAL No.	PATENT No.	TITLE
P42220US0	US	07/717,892	5,282,955	Electrically Conductive Polymer Composition, Method of Making the Same and Device Incorporating the Same

MATTER No.	CO	SERIAL No.	PATENT No.	TITLE
P17290US0	US	60/390,816		Electrochemiluminescence Flow Cell and Flow Cell Components
P17292US0	US	10/600,164		Electrochemiluminescence Flow Cell and Flow Cell Components

MATTER No.	CO	SERIAL No.	PATENT No.	TITLE
P42030US0	US	07/485,379	5,189,549	Electrochromic, Electroluminescent and Electrochemiluminescent Displays
P42050US0	US	08/019,242	5,444,330	Electrochromic, Electroluminescent and Electrochemiluminescent Displays

P42240US1	US	07/986,381	Electrochromic, Electroluminescent and Electrochemiluminescent Displays
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MATTER No.	CO	SERIAL No.	PATENT No.	TITLE
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MATTER No.	CO	SERIAL No.	PATENT No.	TITLE
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P17560US0	US	08/596,830	5,804,400	Electrochemiluminescent Assay
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MATTER No.	CO	SERIAL No.	PATENT No.	TITLE
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P17103US1	US	08/891,337	5,858,676	Electrochemiluminescence of Rare Earth Metal Chelates
P17104US2	US	09/222,443		Electrochemiluminescence of Rare Earth Metal Chelates

MATTER No.	CO	SERIAL No.	PATENT No.	TITLE
P17180US0	US	08/485,419	5,643,713	Electrochemiluminescent Monitoring of Compounds
P17190US2	US	08/880,209	6,165,708	Electrochemiluminescent Monitoring of Compounds
P17183US1	US	08/880,353	6,316,180	Electrochemiluminescent Monitoring of Compounds

MATTER No.	CO	SERIAL No.	PATENT No.	TITLE
	US	858,354		Electrochemiluminescent Assays

P12102US0	US	08/472,425	6,316,607	Electrochemiluminescent Assays
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P12088US1	US	10/274,079		Electrochemiluminescent Assays
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P12095US0	US	08/415,758		Electrochemiluminescent Assays
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MATTER No.	CO	SERIAL No.	PATENT No.	TITLE
P17240US0	US	08/373,365	5,610,075	Electrochemiluminescence Assays for Endotoxins

MATTER No.	CO	SERIAL No.	PATENT No.	TITLE
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P17460US0	US	08/467,712		Electrochemiluminescent Enzyme Biosensors
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MATTER No.	CO	SERIAL No.	PATENT No.	TITLE
	US	08/484,766		Electrochemiluminescent Enzyme Immunoassay

P17280US0	US	08/928,075	6,524,865	Electrochemiluminescent Enzyme Immunoassay
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P17280US1	US	10/234,874		Electrochemiluminescent Enzyme Immunoassay
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MATTER No.	CO	SERIAL No.	PATENT No.	TITLE
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MATTER No.	CO	SERIAL No.	PATENT No.	TITLE
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MATTER No.	CO	SERIAL No.	PATENT No.	TITLE
	US	266,914		Electrochemiluminescent Reaction Using Amine-Derived Reductant
P12570US0	US	08/196,315	6,165,729	Electrochemiluminescent Reaction Using Amine-Derived Reductant

P12578US0	US	08/465,928	5,846,485	Electrochemiluminescent Reaction Using Amine-Derived Reductant
P12579US0	US	08/467,936	6,271,041	Electrochemiluminescent Reaction Using Amine-Derived Reductant
P12577US0	US	08/467,232	6,451,225	Electrochemiluminescent Reaction Using Amine-Derived Reductant
P12580US0	US	09/590,398		Electrochemiluminescent Reaction Using Amine-Derived Reductant

MATTER No.	CO	SERIAL No.	PATENT No.	TITLE
P12037US0	US	117,017		Electrochemiluminescent Rhenium Moieties and Methods for Their Use
	US	08/470,247	5,716,781	Method of Calibration of an Electrochemiluminescent Assay System

P12036US0	US	08/468,524	5,811,236	Electrochemiluminescent Rhenium Moieties and Methods for Their Use
P12030US1	US	08/123,456	5,591,581	Electrochemiluminescent Rhenium Moieties and Methods for Their Use

P12038US0	US	09/157,788	6,468,741	Electrochemiluminescent Rhenium Moieties and Methods for Their Use
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MATTER No.	CO	SERIAL No.	PATENT No.	TITLE
P17300US0	US	08/385,864	5,786,141	Electrogenerated Chemiluminescence Labels for Analysis And/Or Referencing

P17306US1	US	09/082,273	6,479,233	Electrogenerated Chemiluminescence Labels for Analysis And/Or Referencing
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MATTER No.	CO	SERIAL No.	PATENT No.	TITLE
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P17081WO0	WO	PCT/US96/00493	WO96/21154	Electrogenerated Chemiluminescence Through Enhanced Particle Luminescence
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MATTER No.	CO	SERIAL No.	PATENT No.	TITLE
P12480US0	US	267,509		Enhanced Electrochemiluminescence
	US	08/308,641		Enhanced Electrochemiluminescence

MATTER No.	CO	SERIAL No.	PATENT No.	TITLE
P17440US0	US	08/482,352	6,099,760	Hydrogen Peroxide Based ECL
P17443US1	US	09/137,159	6,136,233	Hydrogen Peroxide Based ECL

MATTER No.	CO	SERIAL No.	PATENT No.	TITLE
P16280US0	US	09/076,325	6,200,531	Apparatus for Carrying Out Electrochemiluminescence Test Measurements
P16280US1	US	09/761,528	6,517,777	Apparatus for Carrying Out Electrochemiluminescence Test Measurements

P16285US0	US	10/031,868	Improved Apparatus and Methods for Carrying Out Electrochemiluminescence Test Measurements
P16287US0	US	10/313,411	Improved Apparatus and Methods for Carrying Out Electrochemiluminescence Test Measurements

MATTER No.	CO	SERIAL No.	PATENT No.	TITLE
P16286US0	US	60/392,399		Improved Assay Systems and Components
P16288US0	US	10/600,165		Improved Assay Systems and Components

MATTER No.	CO	SERIAL No.	PATENT No.	TITLE
P13440US0	US	08/479,817	5,597,910	Electrochemiluminescent Label for DNA Probe Assays

P13450US0	US	08/461,645	5,686,244	Method for detecting a nucleic acid analyte using an improved electrochemiluminescent label
P13451US0	US	08/461,038	5,610,017	Method for conducting a polymerase chain reaction using an improved electrochemiluminescent label

MATTER No.	CO	SERIAL No.	PATENT No.	TITLE
P12220US0	US	08/906,654	6,087,476	Luminescent Chimeric Proteins

MATTER No.	CO	SERIAL No.	PATENT No.	TITLE
P12052US0	US	666,987		Luminescent Metal Chelate Labels and Means for Detection
	US	08/477,579	5,714,089	Luminescent Metal Chelate Labels and Means for Detection
P12070US0	US	07/789,418	5,310,687	Luminescent Metal Chelate Labels and Means for Detection

P12053US0	US	08/474,760	5,731,147	Luminescent Metal Chelate Labels and Means for Detection
P12060US0	US	06/789,113	5,238,808	Luminescent Metal Chelate Labels and Means for Detection
P12050US0	US	07/609,072	5,221,605	Luminescent Metal Chelate Labels and Means for Detection

P12051US0	US	08/159,770	5,453,356	Luminescent Metal Chelate Labels and Means for Detection
P12071US1	US	08/238,224	6,140,138	Luminescent Metal Chelate Labels and Means for Detection

MATTER No.	CO	SERIAL No.	PATENT No.	TITLE
P17020US0	US	08/339,237	5,744,367	Magnetic Particle Based Electrochemiluminescent Detection Apparatus and Method
P17023US1	US	09/066,704	6,133,043	Magnetic Particle Based Electrochemiluminescent Detection Apparatus and Method

MATTER No.	CO	SERIAL No.	PATENT No.	TITLE

P12280US0	US	07/773,971	5,147,806	Method and Apparatus for Conducting Electrochemiluminescence Measurements
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P14370US0	US	07/744,890	5,247,243	Method and Apparatus for Conducting Electrochemiluminescence Measurements
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P14380US0	US	08/057,682	5,296,191	Method and Apparatus for Conducting Electrochemiluminescence Measurements
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P12270US0	US	07/188,258			Method and Apparatus for Conducting Electrochemiluminescence Measurements
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MATTER No	CO	SERIAL No	PATENT No	TITLE
	US	652,427		Method and Apparatus for Magnetic Microparticulate Based Luminescence Assay Including Plurality of Magnets
	US	827,269		Method and Apparatus for Magnetic Microparticulate Based Luminescence Assay Including Plurality of Magnets

		INVENTOR		PATENT NO.		TITLE	
P13401US0	US	08/255,824	5,705,402	Method and Apparatus for Magnetic Microparticle Based Luminescence Assay Including Plurality of Magnets			

		CO		SERIAL No.		PATENT No.		TITLE	
P17144US0	US	60/292,777		Method for Detecting Pathogens Using Electrochemiluminescence					
P17145US0	US	10/151,295		Method for Detecting Pathogens Using Electrochemiluminescence					

		CO		SERIAL No.		PATENT No.		TITLE	
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P17143US1	US	08/922,761	6,132,955	Method for Derivatizing Electrodes and Assays Methods Using Such Derivatized Electrodes			
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MATTER No.	CO	SERIAL No.	PATENT No.	TITLE
P12170US0	US	08/430,119	5,556,770	Method of Preparing a Composition that Enhances

MATTER No.	CO	SERIAL No.	PATENT No.	TITLE
P13420US0	US	804,951		Method for Exponential Amplification of Nucleic Acid by a Single Unpaired Primer
	US	08/221,543	6,174,709	Method for Making a Primer and Nucleic Acid Exponential Amplification Methods Using said Primer

MATTER No.	CO	SERIAL No.	PATENT No.	TITLE
	US	652,427		Methods and Apparatus for Improved Luminescence Assays
	US	827,269		Methods and Apparatus for Improved Luminescence Assays
	US	827,270		Methods and Apparatus for Improved Luminescence Assays
	US	08/090,467		Methods and Apparatus for Improved Luminescence Assays
P13680US0	US	08/160,063	5,962,218	Methods and Apparatus for Improved Luminescence Assays
P13400US0	US	08/346,832	5,935,779	Methods for Improved Particle Luminescence Assays

P13411US0	US	08/461,395	5,779,976	Apparatus for Improved Luminescence Assays
P13414US0	US	08/473,313	6,078,782	Methods for Improved Particle Luminescence Assays

P13413US0	US	09/253,558	6,325,973	Methods and Apparatus for Improved Luminescence Assays
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P13412US0	US	08/465,443		Methods and Apparatus for Improved Luminescence Assays
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MATTER No.	CO	SERIAL No.	PATENT No.	TITLE
	US	728,093		Methods and Apparatus for Improved Luminescence Assays Using Particle Concentration and Chemiluminescence
	US	728,194		Methods and Apparatus for Improved Luminescence Assays Using Particle Concentration and Chemiluminescence
P13467US0	US	08/469,464	5,798,083	Apparatus for Improved Luminescence Assays Using Particle Concentration and Chemiluminescence Detection

P13480US0	US	08/348,749	5,770,459	Methods and Apparatus for Improved Luminescence Assays Using Particle Concentration and Chemiluminescence
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P13490US0	US	08/467,028	5,746,974	Apparatus for Improved Luminescence Assays Using Particle Concentration and Chemiluminescence
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P13460US0	US	08/335,183	6,448,091	Methods and Apparatus for Improved Luminescence Assays Using Particle Concentration and Chemiluminescence
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P13460US2	US	10/235,127			Methods and Apparatus for Improved Luminescence Assays Using Particle Concentration and Chemiluminescence
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MATTER No.	CO	SERIAL No.	PATENT No.	TITLE
P16500PRV1	US	60/503,362		Methods, Compositions and Kits for Detecting Cryptosporidium Oocysts

MATTER No.	CO	SERIAL No.	PATENT No.	TITLE
P17040US0	US	08/437,348	5,679,519	Multi-Label Complex for Enhanced Sensitivity in Electrochemiluminescence Assay
P17045US1	US	08/954,355	6,096,500	Multi-Label Complex for Enhanced Sensitivity in Electrochemiluminescence Assay

MATTER No.	CO	SERIAL No.	PATENT No.	TITLE
P12390US0	US	08/413,536		Particle-Based Electrochemiluminescent Assays

MATTER No.	CO	SERIAL No.	PATENT No.	TITLE
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MATTER No.	CO	SERIAL No.	PATENT No.	TITLE
	US	792,602		Rapid Assays for Amplification Products
	US	652,427		Rapid Assays for Amplification Products

MATTER No. No.	CO	SERIAL No.	PATENT No.	TITLE
P12040US0	US	07/987,233	6,365,368	Rapid Method for the Detection and Quantification of Microbes in Water

MATTER No. No.	CO	SERIAL No.	PATENT No.	TITLE
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P17160US0	US	08/347,984	5,527,710	Rate Measurements of Biomolecular Reactions Using Electrochemiluminescence
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P17170US1	US	09/099,048		Rate Measurements of Biomolecular Reactions Using Electrochemiluminescence
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MATTER No.	CO	SERIAL No.	PATENT No.	TITLE
	US	124,686		Self-Sustained Sequence Replication Electrochemiluminescent Nucleic Acid Assay
	US	474,927		Self-Sustained Sequence Replication Electrochemiluminescent Nucleic Acid Assay

MATTER NO	COUN	SERIAL NO	PATENT NO	TITLE
P81160US0	US	08/517,493		Separating Enantiomers by Molecular Imprinting Technology

MATTER NO	CO	SERIAL NO	PATENT NO	TITLE
P17500US0	US	08/485,715		Simultaneous Assay Method Using Lanthanide Chelates as the Luminophore for Multiple Labels

MATTER NO	CO	SERIAL NO	PATENT NO	TITLE
P17260US0	US	08/279,192	5,571,643	Spectrophotometric Quantitation for Images in X-Ray Film and Electrophoresis

MATTER NO	CO	SERIAL NO	PATENT NO	TITLE
P999901US0	US	29/180,894		Design Patent for Detection Device

MATTER NO	CO	SERIAL NO	PATENT NO	TITLE
P99920US0	US	29/182,691		Design for Detection Device